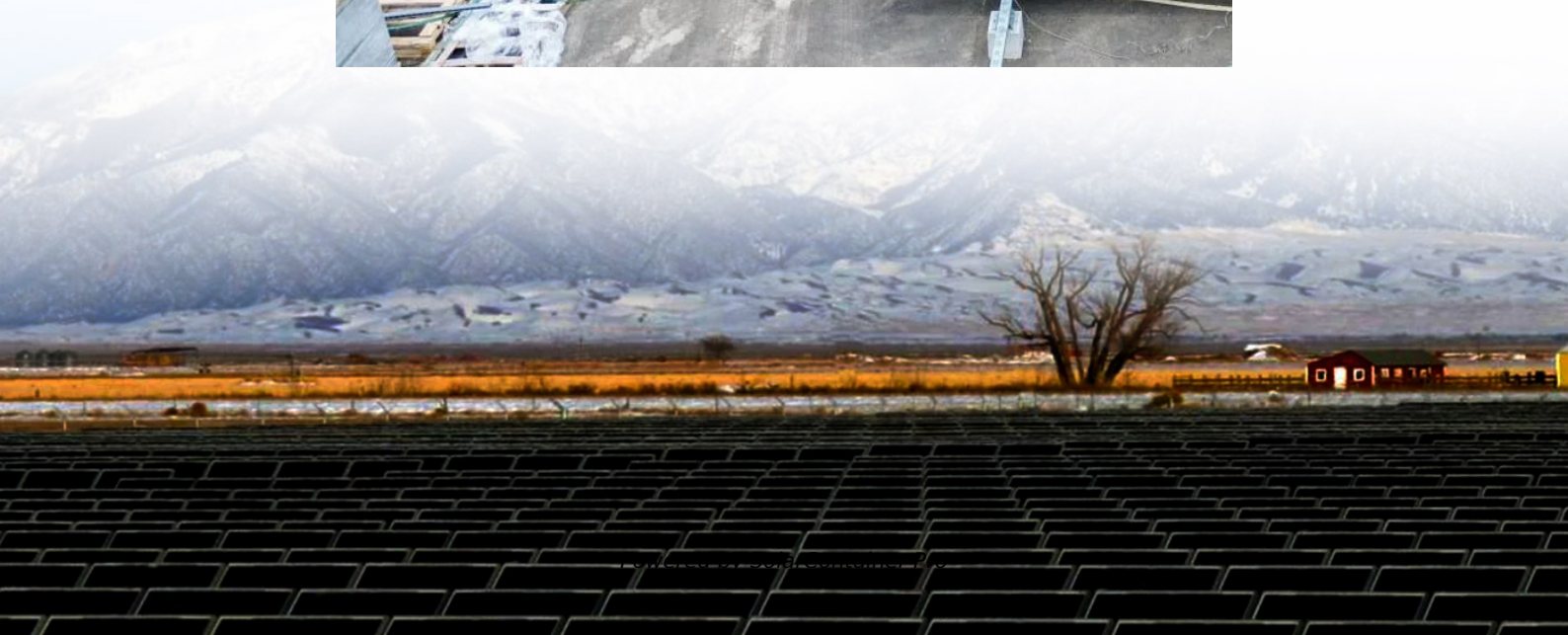


36-cell double-glass module dimensions





Overview

What is a double glass c-Si PV module?

Recently several double-glass (also called glass-glass or dual-glass modules) c-Si PV modules have been launched on the market, many of them by major PV manufacturers. These modules use a sheet of tempered glass at the rear of the module instead of the conventional polymer-based backsheet. There are several reasons why this structure is appealing.

Are double-glass PV modules durable?

Double-glass PV modules are emerging as a technology which can deliver excellent performance and excellent durability at a competitive cost. In this paper a glass-glass module technology that uses liquid silicone encapsulation is described. The combination of the glass-glass structure and silicone is shown to lead to exceptional durability.

What is the electrical performance of BYD double-glass modules?

The electrical performance of the BYD double-glass modules was as expected for multicrystalline cells, with power bins ranging from 245W to 265W for 60-cell modules, and from 295W to 315W for 72-cell modules. The modules were subjected to numerous accelerated ageing tests.

What is glass-glass module technology?

In this paper a glass-glass module technology that uses liquid silicone encapsulation is described. The combination of the glass-glass structure and silicone is shown to lead to exceptional durability. The concept enables safe module operation at a system voltage of 1,500V, as well as innovative, low-cost module mounting through pad bonding.

How do you install a rear glass module?

To mount the module onto its support, a strong metal fixture is attached to the laminate. These rectangular pieces of stainless steel, referred to as



installation blocks, are glued directly onto the rear glass sheet using structural silicone adhesive.



36-cell double-glass module dimensions



N-Type Bifacial Double Glass High Efficiency Mono Module ...

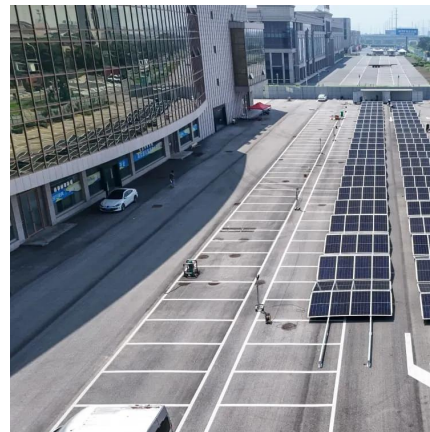
Short Long frune SolarV GmbH Am Kronberger Hang 2, 65824 Schwalbach am Taunus, Hessen Deutschland Tel: +49 (0) 61969076877 / Email: info@solarv Cell Weight Dimensions Cable ...

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[36-Cell Monocrystalline Photovoltaic Module](#). [HELIENE](#)

Although it has a smaller footprint, the 36 M is built using the same thickness of glass and aluminum frame extrusion as HELIENE's largest 96-cell products, making it the most robust ...

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